

**Amendments to the Specification:**

Please amend the title as follows:

"~~METHOD OF~~ METHODS FOR MEASURING THE INSULIN RECEPTOR ALPHA  $\alpha$   
SUBUNIT"

Please amend the paragraph on page 12, lines 30-31, beginning, "Fluorescent substances:..." as follows:

--Fluorescent substances:

fluorescein isothiocyanate,  
tetramethylrhodamine isothiocyanate,  
substituted rhodamine isothiocyanate,  
dichlorotriazine ~~isothiocyanate~~ fluorescein, etc.--

Please amend the paragraph on page 23, lines 13-16, beginning, "Fig. 5 is a graph showing over-time changes in blood glucose level in mice to which the..." as follows:

--Fig. 5 is a graph showing over-time changes in blood glucose level in mice to which the insulin receptor  $\alpha$ -subunit has been administered. In the figure, the vertical axis indicates the blood glucose level (mg/dL) (~~mg/mL~~), and the horizontal axis indicates the time elapsed (in minutes) where the time of insulin receptor  $\alpha$ -subunit administration is set as -10.--

Please amend the paragraph on page 23, lines 17-21, beginning, "Fig. 6 is a graph showing the over-time changes in blood glucose level in mice to which..." as follows:

--Fig. 6 is a graph showing the over-time changes in blood glucose level in mice to which a glucose load has been given 10 minutes after administration of the insulin receptor  $\alpha$ -subunit. In the figure, the vertical axis indicates the blood glucose level (mg/dL) (~~mg/mL~~), and the horizontal axis indicates the time elapsed (in minutes) where the time of insulin receptor  $\alpha$ -subunit administration is set as -10.--

Please amend the paragraph on page 28, line 36, through page 29, line 7, beginning, "Next, various cancer patient sera purchased from commercial suppliers were used as..." as follows:

--Next, various cancer patient sera purchased from commercial suppliers were used as samples for the measurement of the insulin receptor  $\alpha$ -subunit concentrations. The measured patient samples were ten samples each from lung cancer, esophageal cancer, pancreatic cancer, colon cancer, breast cancer, liver cancer, ~~and~~ rectal cancer, and skin cancer patients. The results of the measurements are shown in Table 1 and Fig. 9. The concentrations of insulin receptor  $\alpha$ -subunit in all types of cancers marked significantly higher values than those of healthy individuals. Therefore, measurement of the insulin receptor  $\alpha$ -subunit in blood is considered to be useful for diagnosing cancer.--

Please cancel the present "SEQUENCE LISTING", pages 1/13-13/13, and insert therefor the accompanying paper copy of the Substitute Sequence Listing, page numbers 1 to 7, at the end of the application.